

PA DEP
PM 2.5 grant Work Plan FY 2008 – 2011

Status Report for FY 2011/FY 2012

May 4, 2012

REVISION PENNSYLVANIA PM 2.5 103 Grant Guidance

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Goal 1 Clean Air & Global Climate Change - Protect and improve the air so it is healthy to breathe and risks to human health and the environment are reduced. Reduce Green house gas intensity by enhancing partnerships with businesses and other sectors.

Environmental Outcome: Levels of PM2.5 in Region III

Objective 1.1 – Healthier Outdoor Air. Through 2012, working with partners, protect human health and the environment by attaining and maintaining health-based air quality standards and reducing the risk from toxic air pollutants.

Sub-objective 1.1.1: Ozone and PM2.5. By 2015, working with partners, improve air quality for ozone and PM2.5 as follows:

- By 2015, reduce the population-weighted ambient concentration of PM2.5 in all monitored counties by 6% from the 2003 baseline.
- By 2011, reduce emissions of fine particles from mobile sources by 134,700 tons from the 2000 level of 510,550 tons.
- By 2011, reduce emissions of NOX from mobile sources by 3.7 million tons from the 2000 level of 11.8 million tons.

Program: PM2.5 NAAQS	EPA Contact(s): Walter Wilkie, Loretta Hyden	State Contact(s): George Mentzer	PRC 101A04EPM
Programs Affecting Environmental Outcome	Environmental Outcome Program Indicators (sample)	State/local Commitments For FY 11 (State Outputs)	Status/Comment
Air Quality Planning: 2) Air Quality Monitoring	<p>1. Data from PM 2.5 FRM/FEM and SPM monitoring sites submitted to AQS.</p> <p>2. Annual Monitoring Network Plan.</p> <p>3. State Certification Documentation for PM 2.5 data.</p>	<p>1. a) Submit PM 2.5 data to AQS quarterly, as required by 40 CFR Part 58, in particular 58.16 (SLAMS data submittal) and Appendix A (Section 3, Measurement Quality Check Requirements). b) Data shall be collected from PM2.5 monitors, operated in accordance with 40 CFR Part 58.12 and Appendices A, D, and E.</p> <p>2. Submit annual network plans, in accordance with 40 CFR Part 58.10, by July 1, 2011.</p> <p>3. Provide Certification of PM 2.5 data, per requirements in 40 CFR Part 58.15. Certification packages for 2011 data are due to Regional Office by May 1, 2011.</p>	<p>CY 2011 expected to operate the following, -FRM/FEM: 21 -Collocated (15% of sites): 4 -Continuous (50% of min. req'd): 11</p> <p>2.The deliverable was received on August 4, 2011.</p> <p>3. The deliverable was received on May 4, 2011.</p>

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Air Quality Planning; 2) Air Quality Monitoring	<p>4. PM2.5 Speciation Data.</p> <p>5. AQI daily reports for Metropolitan Statistical Areas with populations greater than 350,000.</p> <p>6. Data Quality Assessments for PM2.5 FRM and speciation data.</p> <p>7. Equipment Inventory and Replacement Plan.</p>	<p>4. a) Operate 13 Chemical Speciation network sites in accordance with applicable guidance and operating procedures. b) Provide any updates to the Speciation Monitoring network proposed for the next calendar year by December 31, 2011. c) Provide review of adequacy of speciation data for 13 station manual filter sampling stations within 45 days of request for review.</p> <p>5. Report to public, on a daily basis, an AQI for PM 2.5, per 40 CFR Part 58.50 and Appendix G.</p> <p>6. Provide, or identify source of, Data Quality Assessment reports for 2010 PM 2.5 FRM data and speciation data by August 31, 2011.</p> <p>7. Update inventory and replacement schedule for PM2.5 monitoring program equipment, due October 1, 2011.</p>	<p>4. a)All activities due to date are complete. b)All activities due to date are complete. c)All activities due to date are complete.</p> <p>5. All activities due to date are complete.</p> <p>6. The deliverable was received on August 10, 2011.</p> <p>7. The deliverable was received on April 20, 2012.</p>

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